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TRANSMITTAL  FORM  (to be used for all correspondence after initial filing)  Mail Stop: AMENDMENT		Application / Conf.	No.	10/072,212 / 2745	
		Filing Date		February 07, 2002	
		First Named Inver	ntor	Anshuman Nayak	
		Examiner Name		Kou Yi Chen	
		Art Unit		2193	
Express Mail		Patent No.			
Receipt No.  Total Number of Pages in This Submission		Attorney Docket N	lumber	X-2417 US	
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Date July 6, 2006	Charge any additional fees required/credit any overpayment to our Deposit Account Number: 24-0040				
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**PATENT** Conf. No.: 2745

## IN THE UNITED STATES PATENT OFFICE

pplicant:

Anshuman Nayak et al.

Assignee:

Xilinx, Inc.

Title:

"System for Architecture and Resource Specification and

Methods to Compile the Specification onto Hardware"

Serial No.:

10/072,212

File Date: February 7, 2002

Examiner:

Kou Yi Chen

Art Unit: 2193

Docket No.:

X-2417 US

Conf. No.:2745

Mail Stop AMENDMENT COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

## AMENDMENT IN RESPONSE TO FIRST OFFICE ACTION

## Dear Examiner:

In response to the First Office Action mailed from the Patent Office on April 10, 2006, please replace/substitute the following claims as indicated.

Amendments to the claims begin on page 2 of this paper. Remarks begin on page 6 of this paper.